

1-7. (CANCELED)

8. (NEW) A device for preventing wobbling of cog wheels (3) arranged on a main shaft (6) in a transmission having two countershafts (1, 2), at least one of the cog wheels (3) includes a disk (7) which is connected with the at least one cog wheel (3) and is supported, against a side facing of one of a gearing (8) of the countershafts (1, 2) and intermediate shafts (12) for reverse gears, with the cog wheel (3) being pushed against the disk (7) by spring action.

9. (NEW) The device according to claim 8, wherein the disk (7) has a spring-loaded design.

10. (NEW) The device according to claim 8, wherein the disk (7) is connected to the cog wheel (3) by at least one bolt (9) guided through the cog wheel (3), the at least one bolt (9) pushes the cog wheel (3), via an installed spring (10), in a direction of the disk (7).

11. (NEW) The device according to claim 10, wherein three bolts (9) are provided for fastening the disk (7) to the cog wheel (3).

12. (NEW) The device according to claim 8, wherein an angle between one of an end of the disk (7) facing the countershafts (1 and 2) and the intermediate shaft (12) for a reverse gear and one of a perpendicular of the countershaft (1, 2) and an intermediate shaft (12) for the reverse gear, is approximately 3° in a radial direction.

13. (NEW) The device according to claim 8, wherein contact surfaces between the disk (7) and one of gearing of the countershafts (1, 2) and the intermediate shaft (12) for the reverse gear, have a cone-shaped design.

14. (NEW) The device according to claim 8, wherein contact surfaces between the disk (7) and one of a gearing of the countershafts (1, 2) and an intermediate shaft (12) for the reverse gear are located near a pitch circle such that sliding parts can be kept as small as possible.